

The Sony® DSC-H50 features Smile Shutter™ technology captures smiles the moment they happen⁵, as well as Face Detection technology to optimize flash, focus, exposure and white for up to eight faces. Capture detailed images with 9.1 megapixel resolution, and get in close to the action with the 15x optical zoom lens.

- **9.1 MP Super HAD™ CCD**
More megapixels give you more detail and definition when you make big prints or crop in tight on your subject. The advanced Sony® Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.
- **Carl Zeiss® 15X Optical Zoom Lens**
15X optical zoom provides a superb ability to bring long-distance subjects up close – a significant advantage for situations where you can't be near the action, such as sporting events or wildlife photography.
- **3.0"¹ Tilt-up Clear Photo LCD Plus™ Display**
The large, bright tiltable 3.0"¹ Clear Photo LCD Plus™ display (230K pixels) tilts up for comfortable low-angle shooting, and an anti-reflective coating provides for excellent visibility to help you compose, view, and share photos with superb clarity and color reproduction, even in bright sunlight.
- **Face Detection**
Face Detection technology automatically controls flash, focus, exposure, and white balance to help reveal faces in shadows, make skin tones look more natural, reduce red-eye, and eliminates harsh facial glare.
- **Smile Shutter Technology⁵**
Smile Shutter™ technology captures smiles the moment they happen. The mode can be set to capture when your subject laughs, smiles or even grins, and like Face Detection is able to differentiate children and adults to set priority.
- **Sony Double Anti-Blur Solution**
The combination of Super SteadyShot® optical image stabilization and high ISO sensitivity helps compensate for shaky hands, minimizes blur, and allow flash-free shooting to preserve the mood.
- **Super SteadyShot® Optical Image Stabilization**
Super SteadyShot® Image Stabilization compensates for shaky hands and minimizes blur with a built-in gyro that detects camera movement and sends correcting signals to a stabilization lens -- so there's no need to crop in on your shot to reduce blur.
- **High Sensitivity (ISO 3200) Mode**
With high sensitivity of ISO 3200, you can shoot effectively in low light without flash to preserve the mood, while the Sony Clear RAW™ Noise Reduction system helps suppress the color noise that can degrade low-light shots.
- **Intelligent Scene Recognition Mode**
Intelligent Scene Recognition mode automatically detects 5 different types of scenes and selects the appropriate camera setting: Backlight, Backlight Portrait, Twilight, Twilight Portrait, and Twilight using a Tripod. Intelligent Scene Recognition has two different modes, advanced and auto. Advanced mode takes one with the standard automatic settings and the other with optimized settings. Auto mode takes a single shot, utilizing the camera's optimal settings.
- **Dynamic Range Optimization Standard & Plus**
Powered by the exclusive Sony BIONZ™ high-speed processing engine, Dynamic Range Optimization preserves image data in bright highlights and reveals more detail in shadows or backlit areas -- for great results even in difficult lighting conditions. New DRO Plus mode enhances optimization, analyzing each region of an image and performing additional image processing.
- **NightShot® Infrared System**
Sony's NightShot® Infrared System lets you shoot photos in near-dark or totally dark (0 lux) conditions without using a flash, so you can capture creative night scenes that lie beyond the power of conventional cameras.
- **Variable Noise Reduction (NR Level Setting)**
To allow greater control over NR, three NR Level Settings are available -- High, Low and Standard -- allowing you to select the optimal setting depending on the scene and individual tastes. For example, applying high NR helps obtain smoothly textured images for portraits or dark scenes, while the low setting is helps reduce noise without sacrificing resolution, making it especially useful for landscapes, detailed subjects, and contoured surfaces.
- **Advanced Sports Shooting mode**
Advance Sports Shooting mode is ideal for shooting fast-moving subjects. Just choose Advanced Sports Shooting mode with the mode dial. The camera will then automatically use Auto Focus to analyze subject motion and predict the next move while the shutter button is halfway pressed. A high shutter speed (up to 1/4000 sec.) helps ensure you capture the moment clearly even if the subject is moving at high speed.
- **Bracket Shooting Mode**
In addition to standard exposure bracketing ($\pm 0.3\text{EV}/\pm 0.7\text{EV}/\pm 1.0\text{EV}$), Bracket Shooting mode now includes settings for white balance and color modes. This function records three images with one shot, each with a different white balance or color mode applied, making it easy to capture the ambience and feeling of the original scene.
- **Convenient Photo Modes**
To adjust quickly for specific shooting situations, you can choose from several convenient photo modes, including Auto, Program Auto, and Scene Selections such as Twilight, Twilight Portrait, Landscape, Portrait, Snow, High Sensitivity, Smile Shutter, Advance Sports Shooting, Fireworks, and Beach environments.

ADDITIONAL FEATURES

- MPEG Movie VX Fine Mode
- High Contrast and Low Chromatic Aberration
- Versatile long distance flash
- Automatic Macro Shooting
- 9-Point Auto Focus
- Smart Zoom® Feature⁸
- Burst Mode
- Color Filter Kit

DSC-H50/B

Cyber-shot® Digital Still Camera

Specifications

General

Megapixel: 9.1 MP
 Imaging Device: 1/2.3 Super HAD™ CCD
 Recording Media: 15MB⁷ internal Flash
 Memory, optional Memory Stick® DUO
 Media, optional Memory Stick DUO PRO™
 Media

Convenience

White Balance: Automatic, Cloudy, Daylight,
 Fluorescent 1, Fluorescent 2, Fluorescent
 3, Incandescent, Flash, One Push, One
 Push (Total 9 modes)
 Self Timer: Yes (10 seconds, 2 seconds, Off)
 Memory Stick PRO™ Media Compatibility:
 Tested to support up to 16GB Memory
 Stick DUO PRO™ media capacity¹; does
 not support Access Control security
 function.
 Still Image Mode(s): Burst, Normal, Bracket
 Exposure
 Red-Eye Reduction: Yes (On/Off all modes)
 Burst Mode: Up to 100 Shot at 1.6fps (all
 resolutions)
 Erase/Protect: Yes/Yes
 Date/Time Stamp: No/ No
 Media/Battery Indicator: Yes/Yes
 Color Mode(s): Black & White, Normal,
 Sepia, Vivid

Convenience Features

AF Illuminator Light: Yes
 PictBridge Compatible: Yes
 Multi-Pattern Measuring: Yes
 Scene Mode(s): Auto, Easy Shooting,
 Program Auto, Shutter Speed Priority,
 Aperture Priority, Manual Exposure,
 Movie, High Sensitivity, Twilight, Twilight
 Portrait, Portrait, Landscape, Beach, Snow,
 Fireworks, Advanced Sports Shooting,
 Smile Shutter
 Movie Mode(s): Optical Zoom during movie
 recording: Yes
 Power Save Mode: Yes (after approx. 3 min.
 of inactivity)
 In-Camera Editing: Red-eye correction, soft
 focus, partial color filter, fish-eye filter lens,
 , cross filter, retro, radial blur, unsharp
 masking and happy face
 Super SteadyShot® optical image
 stabilization: Yes

Inputs and Outputs

Accessory Terminal: Multi connector
 Audio/Video Output(s): Yes via Multi-Use
 Connector
 USB Port(s): Yes (Supports USB 2.0¹¹)
 HD Output: Yes (1080i)

Hardware

LCD: 3.0¹ Flip-up Clear Photo LCD™ Plus
 Display
 Viewfinder: 0.2" 201k FLC (Ferroelectric Liquid
 Crystal) EVF
 Lens Construction: 13 elements in 8 groups
 (including 1ED glass element and
 4aspheric elements)
 Microphone/Speaker: Yes/ Yes
 Lens Type: Carl Zeiss® Vario-Tessar®
 Docking Station: N/A

Operating Conditions

Flash Effective Range: ISO Auto: Approx.0.2-
 Approx.9.1m(W) / Approx.1.2-Approx.5.5m
 (T); ISO3200: up to Approx.18m(W) /
 Approx.11m(T)
 Flash Mode(s): Auto, Forced On, Forced
 Off, Slow Synch

Optics/Lens

Focal Length: 5.2 - 78 mm
 35mm Equivalent: 31 - 465 mm
 Focus: 9 Area Multi-Point AF, Monitoring AF,
 Flexible Spot AF
 Aperture Range: Auto (F2.7-F8(W)) /
 Program auto (F2.7-F8(W)) / Manual
 (F2.7-F8(W))
 Shutter Speed: "Auto(1/4 - 1/4,000) / Program
 Auto(1^{'''} - 1/4,000) / Shutter Priority(30^{'''} -
 1/4,000) /
 Aperture Priority(8^{'''} - 1/2,000) / Manual
 (30^{'''} - 1/4,000)"
 Exposure Compensation: Plus / Minus 2.0EV,
 1 / 3EV step
 ISO: Auto / 80 / 100 / 200 / 400 / 800 / 1600 /
 3200
 Smart Zoom® Technology: *5M:Approx.20x
 (Total), 3M:Approx.25x(Total),
 VGA:Approx.81x(Total), 16:9
 (2M):Approx.27x(Total)
 Digital Zoom: 0-2.0X (Precision)
 Optical Zoom: 15X
 Macro Mode: Yes
 Total Zoom: 30X
 Face Detection: Yes

Power

Battery Type: Lithium-Ion NP-BG1
 Battery Capacity: 3.6V, 960 mAh

Software

Supplied Software: Windows: Picture Motion
 Browser Vers 2.0 + USB Driver
 Operating System Compatibility: Microsoft®
 2000 Professional, XP Home and
 Professional; Macintosh® OS 9.1/9.2/OS X
 (10.0-10.5)

Dimensions

Weight: Weight: 14.6 oz (415 g) Body: 1lb 3.3
 oz. (547 g) including Battery and optional
 Memory Stick® DUO Media
 Measurements: Dimensions: 4 9/16 x 3 3/16 x
 3 3/8" (116.1mm x 81.4mm x 86.0mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Color: Black
 UPC Code: 027242728981

1. Viewable area, measured diagonally.
2. HD viewing requires a Sony HD connector cable or HD Cyber-shot Station® cradle and HDTV. All sold separately.
3. Music tracks can be up to five minutes long. When using Music Transfer to download music, tracks longer than five minutes will be reduced to five minutes when uploading to the Cyber-shot.
4. 35mm equivalent.
5. Up to 6 shots while in Smile Shutter mode.
6. Extended High Sensitivity ISO 6400 available in 3 megapixel image quality setting only.
7. Available storage capacity may vary and a portion of the memory is used for data management functions.
8. Smart Zoom® feature will not work at highest resolution setting.
9. Special TV settings are required. Further details are available in the BRAVIA® instruction manual.
10. Battery life may vary depending on usage patterns, product settings, battery and environmental conditions.
11. Not all product with USB connectors may communicate with each other due to chipset variations.

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